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| APPLICATION NO.  | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|--|-------------|----------------------|---------------------|------------------|
| 10/634,514   | 08/04/2003  | John A. Ruvang       | HENS-0131           | 6896             |
| 20558  | 7590        | 01/13/2006           | EXAMINER            |                  |
| KONNEKER & SMITH P. C.<br>660 NORTH CENTRAL EXPRESSWAY<br>SUITE 230<br>PLANO, TX 75074 |             |                      | BEACH, THOMAS A     |                  |
|  |             |                      | ART UNIT            | PAPER NUMBER     |
|  |             |                      | 3671                |                  |

DATE MAILED: 01/13/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

|                              |                                      |                                      |  |
|------------------------------|--------------------------------------|--------------------------------------|--|
| <b>Office Action Summary</b> | <b>Application No.</b><br>10/634,514 | <b>Applicant(s)</b><br>RUVANG ET AL. |  |
|                              | <b>Examiner</b><br>Thomas A. Beach   | <b>Art Unit</b><br>3671              |  |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-37 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 16-37 is/are allowed.
- 6) ☒ Claim(s) 1,3,4,6,8 and 15 is/are rejected.
- 7) ☒ Claim(s) 2,5,7,9,10 and 12-14 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |   |  |
|---|--|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date ____ | 6) <input type="checkbox"/> Other: ____  |

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 102***

1. Claims 1, 3, 4, 6, 8, and 15 are rejected under 35 U.S.C. 102(e) as being anticipated by Robinson et al 2003/0101627. Robinson shows a connector pin assembly with a body 20 having a passage 70 longitudinally extending through an outer surface thereof and having a polygonally shaped side surface *section 72/75*; a lock member 18 received in the passage and circumscribed by the side surface section, the lock member being rotatable relative to the body between locking and unlocking positions; and a resilient detent structure 58 carried by the lock member for rotation therewith relative to the body and being circumscribed by the side surface section (considered to circumscribe since the entire length of the surface section circumscribes the resilient detent), the resilient detent structure being operative to releasably retain the lock member in either of the locking and unlocking positions and being sliding engageable with and deformable by the side surface section, during rotation of the lock member relative to the body, in a manner yieldingly resisting rotation of the lock member relative to the body from the locking to the unlocking position (fig. 6-7).

As concerns claims 3-4, Robinson shows the resilient detent structure, when the lock member is in either of the locking and unlocking positions, is complementarily received in the polygonally shaped side surface section (figs 9-10) and the resilient detent 58 structure has a square configuration (fig 4).

As concerns claim 6, Robinson shows a retaining member 112.

As concerns claim 15, Robinson shows the connector pin assembly is configured to be operatively inserted into aligned openings in telescoped excavating wear 14 and support members 12 to captively retain them in a telescoped relationship.

***Allowable Subject Matter***

2. Claims 2, 5, 7, 9, 10, and 12-14 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.
3. Claims 16-37 are allowed.

***Response to Arguments***

4. Applicant's arguments filed 10/17/05 have been fully considered but they are not persuasive. Applicant's arguments regarding Robinson are noted; however, Robinson still meets the claim language since the claim requires the side surface section (which is not claimed as the entire opening of the passage) to circumscribe the lock member and the detent.

***Conclusion***

5. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thomas A. Beach whose telephone number is 571.272.6988. The examiner can normally be reached on Monday-Friday, 8:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas Will can be reached on 571.272.6998. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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Thomas A. Beach

January 9, 2006

**THOMAS A. BEACH**  
Patent Examiner  
Group 3600